WE CLAIM:

1.   A method for providing mobility within a network comprising the
2 step of:

a remote system transmitting an OSPF link state advertisement at
4 predetermined intervals.

2.   The method of Claim 1 wherein said link advertisement contains:
2 a low cost associated with the routing of packets having an IP address of
said remote system; and
4 an age field that is set to a value lower than the maximum age.

3.   A remote terminal apparatus for providing mobility within a
2 network comprising:

a component that transmits advertisements at predetermined intervals;
4 wherein said advertisements indicate that packets having a destination
IP address equal to that of the IP address of said remote terminal should be
6 delivered to said remote terminal ; and

wherein the age field of said advertisements are lower than the
8 maximum age.

4.   The apparatus of Claim 3, further comprising a user interface that
2 allows the intervals at which said link advertisements are transmitted to be
changed.

5.   The apparatus of Claim 4, wherein said advertisements are OSPF
2 link state advertisements.